

(Meals and Breaks: Breakfasts, Morning and Afternoon Coffee Service, and Boxed Lunches will be provided throughout the week.
Please note 46th Annual Meeting food service locations vary throughout week based on Technical Exhibit hours and How-to Session programming).

6:00am - 7:35am		BREAKFAST	La Louisiane Ballroom Foyer/Hall C Atrium
6:30am - 7:30am	HTS 3	HOW-TO SESSION BREAKFAST Sponsor: Philips	La Louisiane Ballroom
7:40am - 7:45am	1	OPENING REMARKS David M. Yousem, MD, MBA, ASNR President	La Louisiane Ballroom
7:45am - 8:45am	2 CME = 1.00	MAINTENANCE OF CERTIFICATION (MOC) - PEDIATRIC AND ADULT BRAIN REVIEW SESSION (AR+) Moderator: Apostolos J. Tsiouris, MD	La Louisiane Ballroom
7:45am - 8:15am		Pediatric Brain -Gilbert Vezina, MD	
8:15am - 8:45am		Adult Brain - Cerebrovascular Disease -Apostolos J. Tsiouris, MD	
8:45am - 10:15am	3 CME = 1.50	GENERAL SESSION: ADVANCES IN NEUROSCIENCE USING NMR: GENES, BRAIN AND BEHAVIOR Moderator: BJ Casey, PhD	La Louisiane Ballroom
8:45am - 9:15am		Developmental and Individual Differences: New Insight into Heightened Emotional Reactivity in Teens -BJ Casey, PhD	
9:15am - 9:45am		Anatomic Correlates of Genetic Variation: Potential Biomarkers for Psychiatric Disorders -Andreas Meyer-Lindenberg, MD, PhD, MSc	
9:45am - 10:15am		Imaging Genetics and the Search for Predictive Biologic Markers of Neuropsychiatric Disease Risk -Ahmad R. Hariri, PhD	
10:15am - 10:40am		MORNING BREAK	La Louisiane Ballroom Foyer/Hall C Atrium
10:45am - 12:30pm	4 CME = 1.75	PARALLEL SCIENTIFIC PAPER SESSIONS	
Session 4a		Pediatric: Cerebrovascular, Congenital, Degenerative & Metabolic Diseases/Excerpta Moderators: Blaise V. Jones, MD; Steven G. Imbesi, MD	La Louisiane Ballroom
Session 4b		Adult Brain: Degenerative, Demyelinating, Metabolic Diseases Moderators: M. Matilde Inglese, MD, PhD; Mark C. Delano, MD	Room 206/207
Session 4c		Adult Brain: Functional I Moderators: Meng Law, MD; Jeffrey R. Petrella, MD	Room 208/209
Session 4d		Head & Neck: Temporal Bone & Neck/Excerpta Moderators: Suresh Mukherji, MD	Room 211/212
10:45am - 12:15pm	5 CME = 1.50	ELC Workshop A: Introduction to PowerPoint -John L. Go, MD	Room 204/205
12:15pm - 1:25pm		LUNCH BREAK	La Louisiane Ballroom Foyer/Hall C Atrium
12:30pm - 1:30pm	HTS 4	LUNCH HOW-TO SESSION Sponsor: Toshiba	La Louisiane Ballroom
1:30pm - 3:00pm	6 CME = 1.50	ASPNR PROGRAMMING THE NEUROGENETICS AND WHITE MATTER DISEASE/DISORDERS Moderator: Jill V. Hunter, MD; Susan I. Blaser, MD	Room 208/209
1:30pm - 2:00pm		Primer in Genetics -Jennifer Northrop, MD, PhD	
2:00pm - 2:30pm		Embryology/Histopathology of White Matter Development and Disorders -Meenakshi B. Bhattacharjee, MD	
2:30pm - 3:00pm		Imaging Acute Metabolic Encephalopathy of the Newborn -Susan I. Blaser, MD	
1:30pm - 3:00pm	7 CME = 1.50	ASHNR PROGRAMMING NEOPLASTIC DISEASES IN THE HEAD AND NECK SELF ASSESSMENT MODULE (SAM) (AR+) Moderator: Laurie A. Loevner, MD	La Louisiane Ballroom
1:30pm - 2:00pm		Nasopharynx: Anatomy and Patterns of Cancer Spread -Nancy J. Fischbein, MD	
2:00pm - 2:30pm		The Larynx: Anatomy and Patterns of Cancer Spread Laurie A. Loevner, MD	
2:30pm - 3:00pm		Head and Neck Neoplasms in Children -Caroline D. Robson, MB, ChB	
1:30pm - 3:00pm	8 CME = 1.50	GENERAL PROGRAMMING: USE OF IMAGING AS BIOMARKERS AND SURROGATES FOR ASSESSMENT OF NEW TREATMENTS Moderator: A. Gregory Sorensen, MD	Room 206/207
1:30pm - 2:15pm		Uses of Imaging -Daniel Sullivan, MD	
2:15pm - 3:00pm		New Neuroimaging Techniques and their Role in Assessment of New Therapies for Brain Neoplasms -A. Gregory Sorensen, MD	
1:30pm - 3:00pm	9 CME = 1.50	ELC Workshop B: Adobe Photoshop and Elements -Andrew Ku, MD	Room 204/205

1:30pm - 3:00pm	10 CME = 1.50	ASNR BUSINESS CENTER PROGRAMMING - PART I	Room 201/202
1:30pm - 1:45pm		Introduction: Quality Throughout -Gregory L. Katzman, MD, MBA	
1:45pm - 2:30pm		Patient Centered Radiology Frank J. Lexa, VII, MD, MBA	
2:30pm - 3:00pm		Discussion with Audience	
3:00pm - 3:25pm		AFTERNOON BREAK	La Louisiane Ballroom Foyer/Hall C Atrium
3:30pm - 5:00pm	11 CME = 1.50	ASNR BUSINESS CENTER PROGRAMMING - PART II	Room 201/202
3:30pm - 4:15pm		Reinventing Radiology -Fred Gaschen, MBA	
4:15pm - 5:00pm		Patients or Consumers? Medicine in the 21st Century Andrew F. Simon, PhD, PsyD	
3:30pm - 5:00pm	12 CME = 1.50	PARALLEL SCIENTIFIC PAPER SESSIONS	
Session 12a		Adult Brain: Cerebrovascular Occlusive Diseases <i>Moderators: Lawrence N. Tanenbaum, MD; Carolyn C. Meltzer, MD</i>	La Louisiane Ballroom
Session 12b		Adult Brain: Neoplasms I <i>Moderators: Vincent P. Mathews, MD; John R. Hesselink, MD, FACR</i>	Room 206/207
Session 12c		Head & Neck: Orbital Faces and New Techniques <i>Moderators: Wendy R.K. Smoker, MD; Laurie A. Loevner, MD</i>	Room 208/209
Session 12d		Pediatric: Neoplasms & New Techniques/Excerpta <i>Moderators: Tina Young Poussaint, MD; Gilbert Vezina, MD</i>	Room 211/212
3:30pm - 5:00pm	13 CME = 1.50	ELC Workshop A: Introduction to PowerPoint	Room 204/205
		-John L. Go, MD	
5:00pm - 6:30pm	14 CME = 1.50	ASHNR PROGRAMMING SKULL BASE AND CRANIAL NERVES	La Louisiane Ballroom
		<i>Moderator: Wendy R.K. Smoker, MD, FACR</i>	
5:00pm - 5:30pm		The Pediatric Skull Base -Gary L. Hedlund, DO	
5:30pm - 6:00pm		The Patient Presenting with a Motor Cranial Neuropathy -Wendy R.K. Smoker, MD, FACR	
6:00pm - 6:30pm		Complex Cranial Neuropathies: The Intersection of Anatomy and Pathology -William P. Dillon, MD	
5:00pm - 6:30pm	15 CME = 1.50	ASPNR PROGRAMMING - NEUROCARDIOLOGY- THE HEART AND BRAIN CONNECTION	Room 206/207
		<i>Moderators: W. K. 'Kling' Chong, MD, FRCR</i>	
5:00pm - 5:30pm		Genetics of White Matter Disorder - Cardiomyopathy and Mitochondrial Cytopathy -Fernando Scaglia, MD	
5:30pm - 6:00pm		Neuroimaging of Mitochondrial Cytopathy/Pediatric Stroke -Jill V. Hunter, MD, FAAP	
6:00pm - 6:30pm		Outcomes of Complex Congenital Heart Disease -Ashok Panigrahy, MD	
5:00pm - 6:30pm	16 CME = 1.50	ADVANCED IMAGING SEMINAR - DIFFUSION TENSOR IMAGING	Room 208/209
		<i>Moderators: Timothy P.L. Roberts, PhD; Howard A. Rowley, MD</i>	
5:00pm - 5:25pm		DTI: Advanced Clinical Applications -Aaron S. Field, MD, PhD	
5:25pm - 5:50pm		MRI OF Connectional Neuroanatomy -Van J. Wedeen, MD, PhD	
5:50pm - 6:15pm		High Field Spinal Cord DTI Eric D. Schwartz, MD	
6:15pm - 6:30pm		Panel Discussion	
5:00pm - 6:30pm	17 CME = 1.50	ELC Workshop C: Advanced PowerPoint	Room 204/205
		-Barton F. Branstetter IV, MD	

6:30am - 7:55am		BREAKFAST	La Louisiane Ballroom Foyer/Hall C Atrium
6:30am - 7:30am	HTS 5	HOW-TO SESSION BREAKFAST Sponsor: Bracco	La Louisiane Ballroom
7:45am - 8:45am	18 CME 1.00	MAINTENANCE OF CERTIFICATION (MOC) - ENT AND ADULT SPINE REVIEW SESSION (AR+) <i>Moderator: Barton F. Branstetter IV, MD</i>	La Louisiane Ballroom
7:45am - 8:15am		ENT -Barton F. Branstetter IV, MD	
8:15am - 8:45am		Adult Spine -Carl E. Johnson, MD	
8:45am - 10:15am	19 CME = 1.50	GENERAL SESSION: MINOR HEAD TRAUMA <i>Moderator: Pratik Mukherjee, MD, PhD</i>	La Louisiane Ballroom
8:45am - 9:15am		Neuropsychologic Deficits and Testing Including fMRI -Bruce McCandliss, PhD	
9:15am - 9:45am		DWI DTI MEG Perfusion -Pratik Mukherjee, MD, PhD	
9:45am - 10:15am		Clinical Findings and Sports Related Injury -Barry D. Jordan, MD, MPH	
10:15am - 10:40am		MORNING BREAK	Hall A
10:45am - 12:30pm	20 CME = 1.75	PARALLEL SCIENTIFIC PAPER SESSIONS	
Session 20a		Interventional: Aneurysms I <i>Moderators: Vance E. Watson, MD; Christopher J. Moran, MD</i>	La Louisiane Ballroom
Session 20b		Adult Brain: Trauma, Inflammation & Ischemic Disease/Excerpta <i>Moderators: Alisa Gean, MD;</i>	Room 206/207
Session 20c		Adult Brain: Functional II <i>Moderators: Scott H. Faro, MD; David J. Mikulis, MD</i>	Room 208/209
Session 20d		Pediatric: Functional Imaging <i>Moderators: James M. Provenzale, MD; Sandra Gorges, MD</i>	Room 211/212
10:45am - 12:15pm	21 CME 1.50	ELC Workshop C: Advanced PowerPoint -Barton F. Branstetter IV, MD	Room 204/205
12:15pm - 1:25pm		LUNCH BREAK	Hall A
12:30pm - 1:30pm		FELLOWS' LUNCHEON	Room R04
12:30pm - 1:30pm	HTS 6	LUNCH HOW-TO SESSION Sponsor: GE Healthcare	La Louisiane Ballroom
12:30pm - 1:30pm		ASPNR Annual Business Meeting (Members Only)	Room 206/207
12:30pm - 1:30pm		ASPNR Annual Business Meeting (Members Only)	Room 208/209
1:30pm - 3:00pm	22 CME = 1.50	ASPNR PROGRAMMING: PEDIATRIC EPILEPSY SELF ASSESSMENT MODULE (SAM) SESSION (AR+) <i>Moderators: Jill V. Hunter, MD</i>	La Louisiane Ballroom
1:30pm - 2:00pm		Clinical Presentation of Childhood Epilepsy -Angus A. Wilfong, MD	
2:00pm - 2:30pm		Pathology of Epilepsy and Epileptic Disorders -Meenakshi B. Bhattacharjee, MD	
2:30pm - 3:00pm		Neuroimaging of Pediatric Epilepsy -Elysa Widjaja, MD	
1:30pm - 3:00pm	23 CME = 1.50	(ASPNR) STATE OF THE ART IN BRAIN TUMOR PRE-SURGICAL MAPPING I: CLINICAL BOLD fMRI <i>Moderator: Jay J. Pilliai, MD</i>	Room 206/207
1:30pm - 1:50pm		fMRI for Pre-Surgical Mapping: Introduction and the Neuroradiologist's Perspective -Jay J. Pilliai, MD	
1:50pm - 2:10pm		Functional Mapping: The Neurosurgeon's Perspective -Cameron W. Brennan, MD	
2:10pm - 2:30pm		fMRI for Language Mapping -Andrei I. Holodny, MD	
2:30pm - 2:50pm		fMRI for Sensorimotor Mapping -John L. Ulmer, MD	
2:50pm - 3:00pm		Discussion	

1:30pm - 3:00pm	24 CME = 1.50	ELC Workshop B: Adobe Photoshop and Elements -Andrew Ku, MD	Room 204/205
1:30pm - 3:00pm	25 CME = 1.50	ASNR BUSINESS CENTER PROGRAMMING Part I 1:30pm - 2:15pm Practicing Medicine (not Business): Easing the Constraints on Physicians -Andrew F. Simon, PhD, PsyD 2:15pm - 3:00pm Pay for Performance and Radiology -David J. Seidenwurm, MD	Room 201/202
1:30pm - 3:00pm	26 CME = 1.50	GENERAL SESSION: HOW I DO IT... PERFUSION IMAGING AND THE POST - OPERATIVE BACK <i>Moderator: Pina C. Sanelli, MD</i> 1:30pm - 2:15pm Perfusion Imaging -Pina C. Sanelli, MD 2:15pm - 3:00pm The Post-Operative Back -Jeffrey S. Ross, MD	Room 208/209
3:00pm - 3:25pm		AFTERNOON BREAK	Hall A
3:30pm - 5:00pm	27 CME = 1.50	ASNR BUSINESS CENTER PROGRAMMING: Part II 3:30pm - 4:00pm 24/7 Radiology Coverage: The Private Practice Experience John F. Hiehle, Jr., MD 4:00pm - 4:30pm 24/7 Radiology Coverage: The Academic Experience -Gordon K. Sze, MD 4:30pm - 5:00pm Discussion with Audience	Room 201/202
3:30pm - 5:00pm	28 CME = 1.50	PARALLEL SCIENTIFIC PAPER SESSIONS Session 28a Adult Brain: Functional Imaging/fMRI <i>Moderators: Andrei I. Holodny, MD; Joshua S. Shimony, PhD</i> Session 28b Pediatric: Epilepsy, Inflammatory, Infectious Diseases/Excerpta <i>Moderators: Noriko Salamon, MD; Alena Horska, MD</i> Session 28c Head & Neck: Pharynx, Larynx, Soft Tissue, Sinonasal & Other <i>Moderators: Patricia A. Hudgins, MD; Barton F. Branstetter IV, MD</i> Session 28d Spine: Spine Interventions, Vascular Lesions and Vertebroplasty I <i>Moderators: Blake A. Johnson, MD; Bassem A. Georgy, MD</i>	La Louisiane Ballroom Room 206/207 Room 208/209 Room 211/212
3:30pm - 4:30pm	29 CME = 1.00	ELC Lecture B: PACS and RIS 2008: An Update -C. Douglas Phillips, MD, FACR -Richard H. Wiggins, III, MD	Room 204/205
5:00pm - 6:30pm	30 CME = 1.50	(ASPNR) INTERESTING PEDIATRIC CASES (AR+) <i>Moderators: Charles M. Glasier, MD; Gary L. Hedlund, DO</i> 5:00pm - 6:30pm Interesting Pediatric Cases	La Louisiane Ballroom
5:00pm - 6:30pm	31 CME = 1.50	ASHNR PROGRAMMING PITFALLS AND CHALLENGES IN HEAD AND NECK IMAGING <i>Moderator: Edward E. Kassel, MD</i> 5:00pm - 5:35pm Pitfalls in CT/PET -Peter M. Som, MD, FACR 5:35pm - 6:05pm Challenges in Imaging the Post-Treatment Head and Neck Oncology Patient -Lawrence E. Ginsberg, MD 6:05pm - 6:30pm Pitfalls in Sinonasal Imaging Edward E. Kassel, MD	Room 206/207
5:00pm - 6:30pm	32 CME = 1.50	ADVANCED IMAGING SEMINAR - fMRI and MEG <i>Moderators: Timothy P.L. Roberts, PhD; Howard A. Rowley, MD</i> 5:00pm - 5:25pm Clinical MEG -Erin Simon Schwartz, MD 5:25pm - 5:50pm Advanced MEG Methods Timothy P.L. Roberts, PhD 5:50pm - 6:15pm Functional Connectivity -Bharat Biswal, PhD 6:15pm - 6:30pm Panel Discussion	Room 208/209
5:00pm - 6:00pm	33 CME = 1.00	ELC Lecture A: Speech Recognition -Barton F. Branstetter IV, MD	Room 204/205
6:30pm - 9:30pm		ASNR Reception with Technical Exhibitors	Hall A - 6:30pm - 8:00pm La Louisiane Ballroom - 8:00pm - 9:30pm

6:30am - 7:55am		BREAKFAST	La Louisiane Ballroom Foyer/Hall C Atrium
6:30am - 7:30am	HTS 7	HOW-TO SESSION BREAKFAST Sponsor: Siemens	La Louisiane Ballroom
7:40am - 8:40am	34 CME = 1.00	MAINTENANCE OF CERTIFICATION (MOC) - ADULT BRAIN AND PEDIATRIC SPINE REVIEW SESSION (AR+) <i>Moderator: Jonathan H. Burdette, MD</i>	La Louisiane Ballroom
7:40am - 8:10am		Adult Brain -Jonathan H. Burdette, MD	
8:10am - 8:40am		Pediatric Spine -Andrea Rossi, MD	
8:40am - 8:50am	35	MEMORIAM: J. ARLISS POLLOCK, MD <i>Visionary, Leader and Humanitarian</i> <i>Moderator: David J. Seidenwurm, MD</i>	La Louisiane Ballroom
8:50am - 10:20am	CME = 1.50	GENERAL SESSION: SOCIOECONOMIC ISSUES SELF ASSESSMENT MODULE (SAM) SESSION (AR+) <i>(2008 J. ARLISS POLLOCK MEMORIAL LECTURE)</i> <i>Moderator: Michael Brant-Zawadzki, MD</i>	La Louisiane Ballroom
8:50am - 9:20am		Pay for Performance -David J. Seidenwurm, MD	
9:20am - 9:50am		Patient Centered Radiology -Michael Brant-Zawadzki, MD	
9:50am - 10:20am		Practice Improvement - PQRI Michael J. Pentecost, MD	
10:20am - 10:40am		MORNING BREAK	Hall A
10:40am - 10:55am	36	ASNR PRESIDENTIAL ADDRESS - David M. Yousem, MD, MBA, ASNR President	La Louisiane Ballroom
10:55am - 11:05am	37	ASNR Award Announcements -Gold Medal Award -NER Foundation Outstanding Contributions in Research Award -2007 Outstanding Presentation Awards -NER Foundation Scholar Award in Neuroradiology Research -NER Foundation/Boston Scientific Fellowship in Cerebrovascular Disease Research -Bayer/NER Foundation Fellowship in Basic Science Research Award	La Louisiane Ballroom
11:05am - 11:50am	38 CME = .75	KEYNOTE LECTURE: Future Directions - Moving Toward Solutions to Image Overload Through An Understanding of Visual Perception and Cognition -Evan K. Fram, MD	La Louisiane Ballroom
11:50am - 12:15pm	39	American Society of Neuroradiology (ASNR) ANNUAL BUSINESS MEETING <i>(Members only)</i>	La Louisiane Ballroom
11:50am - 1:15pm		LUNCH BREAK	Hall A
12:15pm - 1:15pm	HTS 8	LUNCH HOW-TO SESSION Sponsor: GE Healthcare	La Louisiane Ballroom
1:15pm - 2:45pm	40 CME = 1.50	ASSR PROGRAMMING ADVANCES IN SPINE IMAGING <i>Moderators:</i>	Room 206/207
1:15pm - 1:45pm		Imaging Myelopathy: Basic Findings & Lesion Patterns -Cesare Colosimo, MD	
1:45pm - 2:15pm		Advanced Imaging of the Spine -Eric D. Schwartz, MD	
2:15pm - 2:45pm		Optimizing High Field Spine Imaging -Meng Law, MD	
1:15pm - 2:45pm	41 CME = 1.50	SNIS PROGRAMMING - ANEURYSM <i>Moderators: Jeffrey A. Stone, MD</i>	Room 208/209
1:15pm - 1:45pm		Computational Aneurysm Flow Models: Techniques and Clinical Use -Christopher M. Putman, MD	
1:45pm - 2:15pm		Stent Assisted Aneurysm Coiling: Pre-Treatment Planning -Michael J. Alexander, MD, FACS	
2:15pm - 2:45pm		Imaging Paradigms for Endovascular Aneurysm Treatment Follow-Up -Kristine Blackham, MD	

ASNR 46th Annual Meeting		Wednesday, June 4	
1:15pm - 2:45pm	42 CME = 1.50	(ASFNR) MOLECULAR IMAGING - FROM THE BENCH TO CLINICAL PRACTICE SELF ASSESSMENT MODULE (SAM) (AR+) <i>Moderator: Michelle Bradbury, MD, PhD</i>	La Louisiane Ballroom
1:15pm - 1:45pm		Molecular and Biomarker Imaging in Neuroscience -J. James Frost, MD, PhD	
1:45pm - 2:15pm		High Field MRI Imaging of Cellular Probes as Therapeutic Vehicles for the Treatment of Brain Tumors: The Next Frontier -Syed Arbab Ali, MD, PhD	
2:15pm - 2:45pm		Molecular Neuroimaging of Brain Tumors: The Link Between Clinical Molecular Medicine? -Cameron W. Brennan, MD	
1:15pm - 2:45pm	43 CME = 1.50	GENERAL SESSION: HOW I DO IT... POST-OPERATIVE NECK AND MS <i>Moderator: Lawrence E. Ginsberg, MD</i>	Room 211/212
1:15pm - 2:00pm		Post-Operative Neck -Lawrence E. Ginsberg, MD	
2:00pm - 2:45pm		Multiple Sclerosis M. Matilde Inglese, MD, PhD	
1:15pm - 2:45pm	44 CME = 1.50	ELC Workshop C: Advanced PowerPoint	Room 204/205
		-H. Christian Davidson, MD	
2:45pm - 3:10pm		AFTERNOON BREAK	Hall A
3:15pm - 4:45pm	45 CME = 1.50	PARALLEL SCIENTIFIC PAPER SESSIONS	
Session 45a		Socioeconomics & Anatomy <i>Moderators: Patrick A. Turski, MD; David J. Seidenwurm, MD</i>	La Louisiane Ballroom
Session 45b		Adult Brain: Vascular, Intracranial <i>Moderators: Pina C. Sanelli, MD; Paul E. Kim, MD</i>	Room 206/207
Session 45c		Spine: Degenerative, Inflammatory Infectious, Demyelinating Diseases/Excerpta <i>Moderators: Zoran Rumboldt, MD; Ajay Wakhloo, MD, PhD</i>	Room 208/209
Session 45d		Interventional: New Techniques and Devices <i>Moderators: Jeffrey L. Sunshine, MD, PhD</i>	Room 211/212
Session 45e		NSF, Renal Disease Patients and Gadolinium-Based MR Contrast Agents: 2008 Update -Emanuel Kanal, MD	Room 201/202
3:30pm - 4:30pm	46 CME = 1.00	ELC Lecture B: MRI Safety	Room 204/205
		- Ulrich A. Rassner, MD	
4:45pm - 6:15pm	47 CME = 1.50	(ASFNR) STATE OF THE ART BRAIN TUMOR PRE-SURGICAL MAPPING II: BEYOND BOLD PLUS PRACTICAL CONSIDERATIONS <i>Moderator: Jeffrey R. Petrella, MD</i>	Room 208/209
4:45pm - 5:05pm		DTI for Delineation of Eloquent White Matter Tracts & Intraoperative Validation -Pratik Mukherjee, MD, PhD	
5:05pm - 5:25pm		Clinical MEG: Useful Supplement to BOLD fMRI -Timothy P.L. Roberts, PhD	
5:25pm - 5:45pm		The Need to Assess Cerebral Vascular Reactivity in Pre-Operative Clinical fMRI Studies -David J. Mikulis, MD	
5:45pm - 6:15pm		CPT Codes and Reimbursement for Functional Imaging -Scott H. Faro, MD	
4:45pm - 6:15pm	48 CME = 1.50	SNIS PROGRAMMING - AVMs SELF-ASSESSMENT MODULE (SAM) SESSION (AR+) <i>Moderators: Aquilla S. Turk, DO</i>	La Louisiane Ballroom
4:45pm - 5:15pm		Natural History of Cerebral AVMs -Philip M. Meyers, MD	
5:15pm - 5:45pm		Diagnostic Imaging Techniques for Cerebral Vascular Malformations -Robert C. Wallace, MD	
5:45pm - 6:15pm		Endovascular Management of AVMs: Patient Selection for Palliation, Adjunctive, Therapy or Cure -Thomas J. Masaryk, MD	
4:45pm - 6:15pm	49 CME = 1.50	ASSR PROGRAMMING - SCOLIOSIS <i>Moderator: Erin Simon Schwartz, MD</i>	Room 206/207
4:45pm - 5:30pm		Radiology of Scoliosis -Johan W. Van Goethem, MD, PhD	
5:30pm - 6:15pm		Surgical Management -Amer Samdani, MD	
4:45pm - 6:15pm	50 CME = 1.50	ADVANCED IMAGING SEMINAR - PERFUSION AND VASCULAR HEMODYNAMICS <i>Moderators: Aaron S. Field, MD, PhD; Howard A. Rowley, MD</i>	Room 211/212
4:45pm - 5:10pm		Quantitative MR Perfusion Methods -Timothy J. Carroll, MD	
5:10pm - 5:25pm		MR Flow Techniques -David Saloner, PhD	
5:25pm - 5:50pm		Advances in Arterial Spin Labeling -David Alsop, PhD	
5:50pm - 6:15pm		Panel Discussion	
5:00pm - 6:30pm	51 CME = 1.50	ELC Workshop E: Advanced Web Design	Room 204/205
		-Dale A. Charletta, MD	

6:30am - 7:55am		BREAKFAST	La Louisiane Ballroom Foyer/Hall C Atrium
6:30am - 7:30am	HTS 9	HOW-TO SESSION BREAKFAST	La Louisiane Ballroom
7:45am - 8:45am	52 CME 1.00	MAINTENANCE OF CERTIFICATION (MOC) - INTERVENTIONAL AND ENT REVIEW SESSION (AR+) <i>Moderator: C. Douglas Phillips, MD</i>	La Louisiane Ballroom
7:45am - 8:15am		Interventional Daniel P. Hsu, MD	
8:15am - 8:45am		ENT -C. Douglas Phillips, MD	
8:45am - 10:00am	53 CME = 1.25	GENERAL SESSION: INTRAOPERATIVE IMAGING <i>Moderator: Eric Lis, MD</i>	La Louisiane Ballroom
8:45am - 9:05am		Interventional MR -Jonathan S. Lewin, MD	
9:05am - 9:35am		Intra-Operative MR - The Neurosurgical Perspective -Walter A. Hall, MD, MBA	
9:35am - 10:00am		Intraoperative Imaging -Eric Lis, MD	
10:00am - 10:25am		MORNING BREAK	Hall A
10:30am - 12:15pm	54 CME = 1.75	PARALLEL SCIENTIFIC PAPER SESSIONS	
Session 54a		Spine: Spinal Cord, Neoplasms & Other/Excerpta <i>Moderators: Gregory W. Petermann, MD; Alan L. Williams, MD, FACR, MBA</i>	La Louisiane Ballroom
Session 54b		Interventional: Aneurysms II <i>Moderators: Joshua A. Hirsch, MD; Walter S. Lesley, MD</i>	Room 206/207
Session 54c		Adult Brain: Miscellaneous <i>Moderators: Bradley N. Delman, MD; Jerry G. Jarvik, MD, MPH</i>	Room 208/209
Session 54d		Adult Brain: New Techniques & Post Processing <i>Moderators: Pratik Mukherjee, MD, PhD; David Rubinstein, MD</i>	Room 211/212
12:15pm - 1:25pm		LUNCH BREAK	Hall A
12:20pm - 1:20pm	HTS 10	LUNCH HOW-TO SESSION	La Louisiane Ballroom
12:20pm - 1:20pm		ASSR Annual Business Meeting (Members Only)	Room 211/212
1:30pm - 3:00pm	55 CME = 1.50	(ASSR) EVALUATING AND TREATING THE PATIENT WITH BACK PAIN - SELF ASSESSMENT MODULE (SAM) SESSION (AR+) <i>Moderator: Jeffrey A. Stone, MD</i>	La Louisiane Ballroom
		Cased-Based Panel Session -Allan L. Brook, MD -Blake A. Johnson, MD -Alyssa T. Watanabe, MD	
1:30pm - 3:00pm	56 CME = 1.50	SNIS PROGRAMMING - STROKE <i>Moderators: Philip M. Meyers, MD, FAHA</i>	Room 206/207
1:30pm - 2:00pm		Trauma Centers as a Model for Stroke Centers Fred A. Mann, MD	
2:00pm - 2:30pm		Brain Attack Image Guided Patient Selection -Ansaar T. Rai, MD	
2:30pm - 3:00pm		Intracranial Angioplasty and Stenting: Where We've Been and Where We're Going? -Aquila S. Turk, DO	
1:30pm - 3:00pm	57 CME = 1.50	GENERAL SESSION: HOW I DO IT... THYROID LESIONS AND VENOUS THROMBOSIS <i>Moderator: Laurie A. Loevner, MD</i>	Room 208/209
1:30pm - 2:15pm		How to Deal with Thyroid Lesions -Laurie A. Loevner, MD	
2:15pm - 3:00pm		Venous Thrombosis: Diagnosis and Treatment Options -Perry Ng, MB, BS, DRANZCR	
1:30pm - 3:00pm	58 CME = 1.50	ADVANCED IMAGING SEMINAR - MOLECULAR IMAGING AND SPECTROSCOPY <i>Moderators: Timothy P.L. Roberts, PhD; Howard A. Rowley, MD</i>	Room 211/212
1:30pm - 1:55pm		Advances in Sodium Imaging -Keith R. Thulborn, MD, PhD	
1:55pm - 2:20pm		High Field MRS -Michael Tyszka, PhD	
2:20pm - 2:45pm		Molecular Imaging: Cell Tracking -Jeff W.M. Bulte, PhD	
2:45pm - 3:00pm		Panel Discussion	
3:00pm - 3:25pm		AFTERNOON BREAK	Hall A

3:30pm - 5:00pm

59
CME = 1.50

PARALLEL SCIENTIFIC PAPER SESSIONS

Session 59a	Adult Brain: Neoplasms II <i>Moderators: Jacqueline Bello, MD; Sasan Karimi, MD</i>	La Louisiane Ballroom
Session 59b	Adult Brain: Vascular, Extracranial <i>Moderators: Jaya Nath, MD; Richard I. Aviv, MBChB, MRCP, FRCR</i>	Room 206/207
Session 59c	Interventional: Arteriovenous Malformations, Fistulae, Thrombolysis & Stroke <i>Moderators: Kieran P.J. Murphy, MD, FRCPC; Joan C. Wojak, MD</i>	Room 208/209
Session 59d	Spine: Spinal Cord Injections & Vertebroplasty II <i>Moderators: Allan Brook, MD; Erin S. Schwartz, MD</i>	Room 211/212

5:00pm - 5:15pm

60
CME = .25

CLOSING REMARKS

- Robert D. Zimmerman, MD, FACR, ASNR President

La Louisiane Ballroom